CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

NABL - Accredited Laboratory as per ISO / IEC-17025 :2005

T-2377

Job No.: CTCE/BBMP/W.No.01/KRIDL/CSR-01/740a/CUBE/2014-15 24.02.2015

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: **Asst. Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.
* Agency	: **Technical Manager,** KRIDL, Bangalore.
* Name of the work	: Improvements to roads and construction of drains at Maruthinagara surrounding areas in Ward No. 01 of Yelahanka Sub Division, BBMP, Bangalore.
Reference	: AEE/BBMP/YSD/AE-1/2014-15/313 Dated: 19.01.2015
* Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{20}
Compressive Strength as on	: 28^{th} day
Sample Received on	: 24.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	27.01.2015	24.02.2015	8.086	476.9	21.20
2	27.01.2015	24.02.2015	8.125	502.6	22.34
3	27.01.2015	24.02.2015	8.216	489.3	21.75

* Information is furnished by the Customer/Representative

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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Civil-Tech Consultants & Engineers Bangalore

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Job No: CTCE/BBMP/W.No.01/KRIDL/CSR-01/740a/CUBE/2014-15 25.02.2015

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer : **Asst. Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

* Agency : **Technical Manager,** KRIDL, Bangalore.

* Name of the work : Improvemetns to roads and construction of drains at Maruthinagara surrounding areas in Ward No. 01 of Yelahanka Sub Division, BBMP, Bangalore.

Reference : AEE/BBMP/YSD/AE-1/2014-15/313 Dated: 19.01.2015

* Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

* Grade of Concrete : M_{20}

Compressive Strength as on : 28^{th} day

Sample Received on : 25.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.01.2015	25.02.2015	8.138	491.6	21.85
2	28.01.2015	25.02.2015	8.224	503.7	22.39
3	28.01.2015	25.02.2015	8.296	475.3	21.12

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T-2377

Job No: CTCE/BBMP/W.No.01/KRIDL/CSR-01/726/CUBE/2014-15 22.02.2015

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Yelahanka Sub Division, BBMP, Bangalore.
* Agency	: Technical Manager, KRIDL, Bangalore.
* Name of the work	: Improvements to roads and construction of drains at Maruthinagara surrounding areas in Ward No. 01 of Yelahanka Sub Division, BBMP, Bangalore.
Reference	: AEE/BBMP/YSD/AE-1/2014-15/313 Dated: 19.01.2015
* Sample ID	: Drain Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
* Grade of Concrete	: M_{30}
Compressive Strength as on	: 28^{th} day
Sample Received on	: 22.02.2015

Sl.No.	* Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	25.01.2015	22.02.2015	8.358	702.6	31.23
2	25.01.2015	22.02.2015	8.143	695.8	30.92
3	25.01.2015	22.02.2015	8.278	716.7	31.85

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